

EnF

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 321 | phase adj lock\$2 adj loop same voltage near detect\$3 with (VCO voltage adj control\$3 adj oscillator) same control\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 13:50 |
| S2 | 1 | phase adj lock\$2 adj loop same voltage near detect\$3 with (VCO voltage adj control\$3 adj oscillator) same voltage near detect\$3 with (divi\$4 near rate) same gain | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 13:51 |
| S3 | 1 | phase adj lock\$2 adj loop same voltage near detect\$3 with (VCO voltage adj control\$3 adj oscillator) same voltage near detect\$3 with (divi\$4 near rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:01 |
| S4 | 2 | voltage near detect\$3 with (VCO voltage adj control\$3 adj oscillator) same voltage near detect\$3 with (divi\$4 near rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:02 |
| S5 | 22 | detect\$3 with (VCO voltage adj control\$3 adj oscillator) same detect\$3 with (divi\$4 near rate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:23 |
| S6 | 7486 | control\$4 with (loop adj filter feedback adj divid\$3 VCO phase adj compar\$5) with divid\$3 with voltage | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:43 |
| S7 | 59 | control\$4 with (loop adj filter feedback adj divid\$3 VCO phase adj compar\$5) with divid\$3 with voltage near detect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:46 |
| S8 | 26 | control\$4 with (loop adj filter feedback adj divid\$3 VCO phase adj compar\$5) with divid\$3 with voltage adj detect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:43 |

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| S9 | 3038 | 375/371 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:47 |
| S10 | 1330143 | "73" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:47 |
| S11 | 1829 | 375/373 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:47 |
| S12 | 4451 | 375/376 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/17 14:47 |
| S13 | 2 | ("4568888").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/17 14:48 |
| S14 | 2 | ("5381483").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/17 14:49 |
| S15 | 2 | ("5831483").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/17 14:49 |
| S16 | 1 | (US-4568888-\$).did. | USPAT | OR | ON | 2007/01/17 14:51 |
| S17 | 1 | (US-4568888-\$).did. and gain | USPAT | OR | ON | 2007/01/17 14:51 |
| S18 | 1 | (US-4568888-\$).did. and gain same detect\$3 same divid\$3 | USPAT | OR | ON | 2007/01/17 15:42 |

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| S19 | 0 | first near divid\$3 same second near divid\$3 same control\$4 near voltage same frequency near gain same (VCO voltage adj control\$3 adj oscillator) | USPAT | OR | ON | 2007/01/17 15:44 |
| S20 | 0 | first near (divi\$4 divi\$4 adj rate) same second near (divi\$4 divi\$4 adj rate) same control\$4 near voltage same frequency near gain same (VCO voltage adj control\$3 adj oscillator) | USPAT | OR | ON | 2007/01/17 15:46 |
| S21 | 1 | first near (divi\$4 divi\$4 adj rate) same second near (divi\$4 divi\$4 adj rate) same frequency near gain same (VCO voltage adj control\$3 adj oscillator) | USPAT | OR | ON | 2007/01/17 15:47 |
| S22 | 40 | first near (divi\$4 divi\$4 adj rate) and second near (divi\$4 divi\$4 adj rate) and frequency near gain and (VCO voltage adj control\$3 adj oscillator) | USPAT | OR | ON | 2007/01/17 15:59 |
| S23 | 11 | first near (divi\$4 divi\$4 adj rate) and second near (divi\$4 divi\$4 adj rate) and frequency adj gain and (VCO voltage adj control\$3 adj oscillator) | USPAT | OR | ON | 2007/01/17 15:59 |
| S24 | 9 | first near (divi\$4 divi\$4 adj rate) and second near (divi\$4 divi\$4 adj rate) and frequency adj gain same (VCO voltage adj control\$3 adj oscillator) | USPAT | OR | ON | 2007/01/17 15:59 |
| S25 | 1 | (US-6683502-\$).did. | USPAT | OR | ON | 2007/01/17 16:16 |
| S26 | 0 | (US-6683502-\$).did. and voltagte near detect\$3 | USPAT | OR | ON | 2007/01/17 16:17 |
| S27 | 0 | (US-6683502-\$).did. and voltage near detect\$3 | USPAT | OR | ON | 2007/01/17 16:53 |
| S28 | 1 | (US-6683502-\$).did. and voltage near control\$4 | USPAT | OR | ON | 2007/01/17 16:53 |
| S29 | 24 | (adjust\$3 control\$4) near (divid\$3 adj rate division adj rate) and (PLL phase adj lock\$2 adj loop) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/26 23:50 |

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| S30 | 1 | phase adj gain same current near bias same charge adj pump same phase adj comparator | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/26 23:56 |
| S31 | 1 | phase adj gain same current near bias same charge adj pump | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/26 23:58 |
| S32 | 1 | phase near gain same current near bias same charge adj pump | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/01/26 23:58 |
| S33 | 1 | (US-6909331-\$).did. | USPAT | OR | ON | 2007/01/27 00:01 |
| S34 | 0 | (US-6909331-\$).did. and voltage near detect\$3 with ("a to d" analog adj digital "a/d") | USPAT | OR | ON | 2007/01/27 00:03 |
| S35 | 1143 | voltage near detect\$3 with ("a to d" analog adj digital "a/d") | USPAT | OR | ON | 2007/01/27 00:04 |
| S36 | 87 | voltage near detect\$3 with ("a to d" analog adj digital "a/d") and (phase adj lock\$2 adj loop pll) | USPAT | OR | ON | 2007/01/27 00:05 |
| S37 | 3 | voltage near detect\$3 with ("a to d" analog adj digital "a/d") same (phase adj lock\$2 adj loop pll) | USPAT | OR | ON | 2007/01/27 00:05 |
| S38 | 58 | voltage adj detect\$3 with ("a to d" analog adj digital "a/d") and (phase adj lock\$2 adj loop pll) | USPAT | OR | ON | 2007/01/27 17:38 |
| S39 | 0 | frequency near gain with (VCO voltage adj control\$3 adj oscillator) and ("6593783".pn. "20010036239".pn.) | USPAT | OR | ON | 2007/01/27 17:40 |
| S40 | 62 | voltage near (control\$4 adj signal) with frequency near (divid\$3 division) | USPAT | OR | ON | 2007/01/27 17:42 |
| S41 | 1 | voltage near (control\$4 adj signal) with frequency near (divid\$3 adj rate division adj rate) | USPAT | OR | ON | 2007/01/27 18:24 |
| S42 | 0 | frequency adj gain with (divid\$3 adj rate division adj rate) with voltage | USPAT | OR | ON | 2007/01/27 18:29 |
| S43 | 0 | frequency adj gain same (divid\$3 adj rate division adj rate) same voltage | USPAT | OR | ON | 2007/01/27 18:30 |

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| S44 | 0 | frequency adj gain same (divid\$3 adj rate division adj rate) | USPAT | OR | ON | 2007/01/27 19:17 |
| S45 | 2 | ("20040109521").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/01/27 19:17 |
| S46 | 6 | (US-20010036239-\$).did. or (US-6741108-\$ or US-6909331-\$ or US-6683502-\$ or US-5416686-\$ or US-6593783-\$).did. | US-PGPUB; USPAT | OR | ON | 2007/01/27 20:16 |
| S47 | 1 | S46 and (VGA variable adj gain adj amplif\$4) with loop adj filter\$3 | US-PGPUB; USPAT | OR | ON | 2007/01/27 20:26 |
| S48 | 1697 | control\$4 with (two second) near (VCO voltage adj control\$3 adj oscillator) | US-PGPUB; USPAT | OR | ON | 2007/01/27 20:28 |
| S49 | 0 | control\$4 with (two second) near (VCO voltage adj control\$3 adj oscillator) and S46 | US-PGPUB; USPAT | OR | ON | 2007/01/27 20:29 |
| S50 | 412 | control\$4 with (two second) near (VCO voltage adj control\$3 adj oscillator) with (first) near (VCO voltage adj control\$3 adj oscillator) | US-PGPUB; USPAT | OR | ON | 2007/01/27 20:30 |
| S51 | 78 | control\$4 with (two second) near (VCO voltage adj control\$3 adj oscillator) with (first) near (VCO voltage adj control\$3 adj oscillator) and phase adj lock adj loop | US-PGPUB; USPAT | OR | ON | 2007/01/27 20:49 |
| S52 | 56 | (VCO voltage adj control\$3 adj oscillator) with impedance with inductor | US-PGPUB; USPAT | OR | ON | 2007/01/27 21:09 |
| S53 | 1 | (VCO voltage adj control\$3 adj oscillator) with impedance with inductor same frequency near gain | US-PGPUB; USPAT | OR | ON | 2007/01/27 21:09 |
| S54 | 3 | (VCO voltage adj control\$3 adj oscillator) with impedance with inductor and frequency near gain | US-PGPUB; USPAT | OR | ON | 2007/01/27 21:15 |
| S55 | 7 | (VCO voltage adj control\$3 adj oscillator) with impedance with (capacitor inductor) and frequency near gain | US-PGPUB; USPAT | OR | ON | 2007/01/27 21:15 |